

Converting Colors

CIELCh(94, 61.388, 124.457)

Have a look what the booklet for
CIELCh(94, 61.388, 124.457)
contains.

CIELCh(94, 61.312, 124.551)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(94, 61.312, 124.551)

Conversions

Conversions Part 1

Format	Color
Hex	CBFE89
RGB	203, 254, 137
RGB Percent	80%, 100%, 54%
CMY	0.2045, 0.0045, 0.4633
CMYK	0.20, 0.00, 0.46, 0.00
HSL	86°, 98%, 77%
HSV	86°, 46%, 100%
XYZ	64.4920, 85.2715, 36.6765
YIQ	225.4130, 7.1610, -47.1990

Conversions

Conversions Part 2

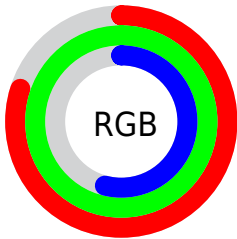
Format	Color
RYB	137, 254, 188
Decimal	13368969
CIELab	94.00, -34.77, 50.50
CIELCh	94, 61.312, 124.551
Yxy	85.2715, 0.3459, 0.4574
Android (android.graphics.Color)	4291559049 (0xFFCBE89)
YUV	225.4130, -43.5876, -19.6562
Hunter-Lab	92.3426, -36.9352, 41.0911

Details

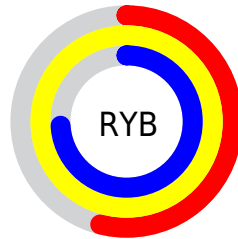
The CIELCh color **94, 61.312, 124.551** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **66, 66.389, 309.435**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 31.717, 107.764**, and **74, 61.211, 124.413** is the 20% darker color. If you saturate the color by 10%, you get **93, 73.467, 124.180**, and if you desaturate by 10%, it is **95, 48.465, 125.017**.

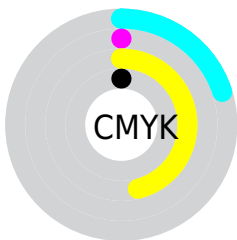
Distribution



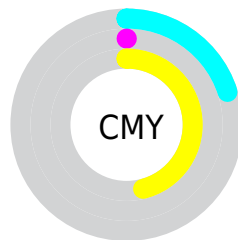
- Red (80%)
- Green (100%)
- Blue (54%)



- Red (54%)
- Yellow (100%)
- Blue (74%)



- Cyan (20%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 61.312, 124.551 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 94, 61.312, 124.551 by changing the saturation by 10% instead.


 94, 61.312,
124.551


 94, 61.312,
124.551


 100, 61.312,
124.551


 84, 61.312,
124.551

 74, 61.312,
124.551

 64, 61.312,
124.551

 54, 61.312,
124.551

 44, 61.312,
124.551

 34, 61.312,
124.551

 24, 61.312,

124.551

■ 14, 61.312,
124.551

■ 4, 61.312, 124.551

■ 94, 61.312,
124.551

■ 94, 61.312,
124.551

■ 93, 73.467,
124.180

■ 95, 48.465,
125.017

■ 92, 84.506,
123.983

■ 96, 35.211,
125.521

■ 92, 93.879,
124.075

■ 97, 21.750,
126.030

■ 91, 100.990,
124.586

■ 99, 8.218, 126.529

100, 0.715,

■ 90, 105.490,
125.605

324.034

■ 90, 106.759,
126.088

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



94, 61.312, 124.551



66, 66.389, 309.435

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 61.312, 124.551



94, 61.312, 174.551



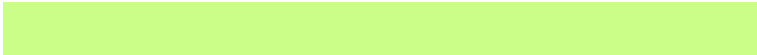
94, 61.312, 304.551



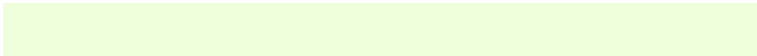
94, 61.312, 354.551

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



94, 61.314, 124.552



98, 18.999, 126.134



81, 39.323, 62.795



52, 13.117, 126.026



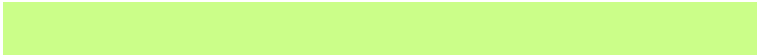
0, 0.000, 0.000



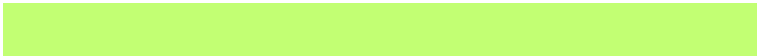
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 61.314, 124.552



94, 72.453, 124.213



91, 70.846, 139.322



53, 7.712, 126.359



70, 86.066, 125.805



24, 38.376, 124.235

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



66, 66.389, 309.435



60, 79.899, 309.991



73, 71.005, 324.887



49, 7.834, 307.254



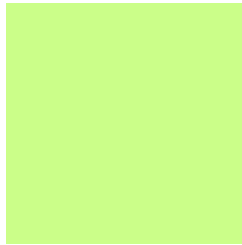
28, 101.915, 310.514



6, 44.919, 311.140

Previews

White Background



This preview shows how the CIELCh color 94, 61.312, 124.551 looks on a white background.

Color Contrast Check

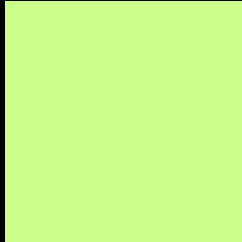
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 94, 61.312, 124.551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

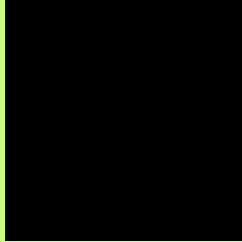
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 61.312, 124.551

Background



This preview shows how black text looks on a background with the CIELCh color 94, 61.312, 124.551.

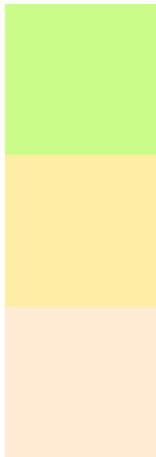


This preview shows how white text looks on a background with the CIELCh color 94, 61.312, 124.551.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
94, 61.312, 124.551

Protanopia
94, 36.852, 96.113

Deuteranopia
94, 13.756, 74.527

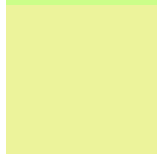


Tritanopia
94, 9.751, 257.159

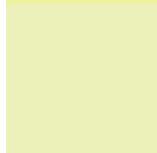
Trichromacy



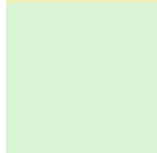
Original Color
94, 61.312, 124.551



Protanomaly
94, 44.420, 110.232



Deuteranomaly
94, 28.598, 111.743

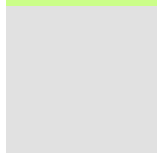


Tritanomaly
93, 19.371, 140.337

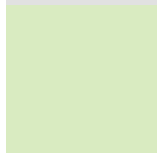
Monochromacy



Original Color
94, 61.312, 124.551



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 22.662, 125.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 61.312, 124.551 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(203, 254, 137)` looks like.

```
.text, #text, p{  
    color:rgb(203, 254, 137)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 254, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 254, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 61.312, 124.551 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 254, 137) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(203, 254, 137) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(203, 254, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 254, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 254, 137);  
box-shadow:4px 4px 4px 4px rgb(203, 254,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 61.312, 124.551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 254, 137) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203,  
254, 137) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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